Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A device for processing a signal, the device comprising:

an antenna configuration; and

a circuit;

wherein the ~~which device has an antenna configuration, which~~ antenna configuration is arranged to transmit a signal, the antenna configuration having at least one antenna-configuration terminal that is intended for connecting the antenna configuration to the ~~a~~ circuit and the antenna configuration having an antenna-configuration impedance (ZA) at the antenna-configuration terminal ~~and which device has the circuit,~~;

wherein the ~~which~~ circuit has at least one circuit terminal at which the circuit has a circuit impedance (ZS) and at which the circuit is connected to the antenna-configuration terminal for the purpose of power transmission between the antenna configuration and the circuit by using the signal,

wherein at least one of the two impedances (ZA, ZS) has, in respect of its reactance (YA, YS), a difference in reactance value (ΔY) from a nominal reactance value (Y_{NOM}) that is adapted for the transmission of power between the antenna configuration and the circuit,

characterized in that one of the two impedances (ZA, ZS) has a resistance (XA, XS) whose value is greater than a nominal resistance value (X_{NOM}) that is adapted from the transmission of power between the antenna configuration and the circuit and is smaller than a maximum resistance value (X_{MAX}) that is a function of the difference in the reactance value (ΔY).

2. (previously presented) A device as claimed in claim 1, characterized in that the

functional dependence that the maximum resistance value shows on the difference in reactance value is given by the formula:

$X_{MAX}(\Delta Y) = (\Delta Y^2/X_{NOM}) + X_{NOM}$

where ΔY is the difference in reactance value and X_{NOM} is the nominal resistance value.~~:~~

3. (previously presented) A device as claimed in claim 1, characterized in that the resistance whose resistance value is greater than the nominal resistance value that is adapted for the transmission of power between the antenna configuration and the circuit and is smaller than the maximum resistance value that is a function of the difference in reactance value is an optimum resistance value given by the formula:

$$X_{OPT}(\Delta Y)\sqrt{X_{NOM}^{\ 2} + \Delta Y^2}$$

where ΔY is the difference in reactance value and X_{NOM} is the nominal resistance value.

4. (previously presented) A device as claimed in claim 1, characterized in that the quality of the two impedances has a value that is greater than two.

5. (previously presented) A device as claimed in claim 1, characterized in that the antenna-configuration impedance has a resistance whose value is greater than the nominal resistance value that is adapted for the transmission of power between the antenna configuration and the circuit and is smaller than the maximum resistance value that is a function of the difference in reactance value.

6. (currently amended) An antenna configuration for a device for processing a signal, which antenna configuration is arranged to transmit a signal, the antenna configuration comprising:

~~and which antenna configuration has~~ at least one antenna-configuration terminal that is intended for connection to a circuit of the device, the circuit having at least one circuit terminal at which the circuit has a circuit impedance (ZS) and at which the circuit

is connectable to the antenna-configuration terminal for the purpose of power transmission between the antenna configuration and the circuit by using the signal,

wherein the ~~and which~~ antenna configuration has an antenna-configuration impedance (ZA) at the antenna-configuration terminal, wherein at least one of the two impedances (ZA, ZS) has, in respect of its reactance (YA, YS), a difference in reactance value (ΔY) from a nominal reactance value (Y_{NOM}) that is adapted for the transmission of power between the antenna configuration and the circuit,

characterized in that the impedance (ZA) of the antenna configuration has a resistance (XA) whose value is greater than a nominal resistance value (X_{NOM}) that is adapted from the transmission of power between the antenna configuration and the circuit and is smaller than a maximum resistance value (X_{MAX}) that is a function of the difference in reactance value~~s~~ (ΔY).

7. (previously presented) An antenna configuration as claimed in claim 6, characterized in that the functional dependence that the maximum resistance value shows on the difference in reactance value is given by the formula:

$$X_{MAX}(\Delta Y) = (\Delta Y^2/X_{NOM}) + X_{NOM}$$

where ΔY is the difference in reactance value and X_{NOM} is the nominal resistance value.

8. (previously presented) An antenna configuration as claimed in claim 6, characterized in that the resistance whose resistance value is greater than the nominal resistance value that is adapted for the transmission of power between the antenna configuration and the circuit and is smaller than the maximum resistance value that is a function of the difference in reactance value, is an optimum resistance value given by the formula:

$$X_{OPT}(\Delta Y)\sqrt{X_{NOM}{}^2 + \Delta Y^2}$$

where ΔY is the difference in reactance value and X_{NOM} is the nominal resistance value.

9. (previously presented) An antenna configuration as claimed in claim 6, characterized in that the quality of the antenna-configuration impedance has a value that is greater than

two.

10. (currently amended) A circuit for a device for processing a signal, the circuit comprising:

~~which circuit has~~ at least one circuit terminal at which the circuit has a circuit impedance (ZS) and at which the circuit is connectable to an antenna-configuration terminal for the purpose of power transmission between an antenna configuration and the circuit by using the signal, which antenna configuration is arranged for the transmission of the signal which antenna configuration has at least one antenna-configuration terminal that is intended for connecting the antenna configuration to the circuit, and which antenna configuration has an antenna-configuration impedance (ZA) at the antenna-configuration terminal, wherein at least one of the two impedances (ZA, ZS) has, in respect of its reactance (YA, YZ), a difference in reactance value (ΔY) from a nominal reactance value (Y_{NOM}) that is adapted for the transmission of power between the antenna configurations and the circuit

characterized in that the impedance of the circuit (ZS) has a resistance (XS) whose value is greater than a nominal resistance value (X_{NOM}) that is adapted from the transmission of power between the antenna configuration and the circuit and is smaller than a maximum resistance value (X_{MAX}) that is a function of the difference in the reactance value (ΔY).

11. (previously presented) A circuit as claimed in claim 10, characterized in that the functional dependence that the maximum resistance value shows on the difference in reactance value is given by the formula:

$X_{MAX}(\Delta Y) = (\Delta Y^2/X_{NOM}) + X_{NOM}$

where ΔY is the difference in reactance value and X_{NOM} is the nominal resistance value.

12. (previously presented) A circuit as claimed in claim 10, characterized in that the resistance whose resistance value is greater than the nominal resistance value that is adapted for the transmission of power between the antenna configuration and the circuit

and is smaller than the maximum resistance value that is a function of the difference in reactance value, is an optimum resistance value given by the formula:

$$X_{OPT}(\Delta Y)\sqrt{X_{NOM}{}^{2}+\Delta Y^{2}}$$

where ΔY is the difference in reactance value and X_{NOM} is the nominal resistance value.

13. (previously presented) A circuit as claimed in claim 10, characterized in that the quality of the circuit impedance has a value that is greater than two.